



Greensmaster® eFlex® 1800 & 2100

The Greensmaster eFlex, available in both 18 and 21 inch cutting widths, takes Toro's industry leading cutting performance to a whole new level. Game-changing Lithium Ion battery technology combined with Toro innovations for improved cutting performance, allow you to quietly mow up to 9 average greens (45,000 sq. feet) on a single charge! Additional innovations in the areas of productivity, operational versatility and serviceability combine to provide a more environmentally friendly "EnergySmart™" solution and ROI.



	GREENSMaster eFLEX 1800, MODEL 04043	GREENSMaster eFLEX 2100, MODEL 04042
POWER	Lithium-Ion battery pack – nominal 53-Volt 35 A-Hr (42 – 64 volt, 1.68 kW-hr) with integrated battery management system utilizing CAN communication with the machine controller and charger. Single battery affixed to unit and charged onboard.	
ELECTRIC MOTOR	Brushless permanent magnet DC motor – nominal 1.2 kW (~20A continuous, 30A peak) with integral motor controller and helical gear reduction.	
BATTERY CHARGER	Voltage and current controlled with CAN communication to manage storage wake-up and maintenance features. Complies to max voltage and current limits directed by the battery management system.	
TRANSMISSION	Permanent Magnet DC motor directly coupled to the first stage of a multi-ribbed poly-V belt drive. The traction drums are belt driven through a spur gear planetary differential with integral band style service/parking brake.	
MAINTENANCE	No grease zerks, sealed bearing design reduces daily maintenance.	
GROUND SPEED	Mowing speed: 0.9-3.7 mph (1.4-5.9 km/h). Transport speed (maximum): 5.7 mph (9.2 km/h).	
TRACTION DRUM	Dual cast aluminum 7.5" (19 cm) diameter with taper on outer 2" (5 cm).	
CONTROLS	Start/On/Off ('ignition') switch, LCD Information Center (reports multiple parameters including hours, battery life, faults, etc.) throttle, dual function traction/reel control lever, operator presence control, on/off 'EZ-Turn' switch, service/park brake lever, on/off light switch (optional blank slot in console).	
HANDLE	Loop style, molded contour upper, 1" (2.5 cm) diameter lower tube. Two angular adjustments and lift assist on kickstand with 2.0 inches of telescoping adjustment.	
TRANSPORT TIRES/KICKSTAND	Quick detachable 3.00/3.25 x 6 pneumatic. Lift assist kickstand standard equipment. Loop style with service position lock, 1" (2.5 cm) diameter tube.	
REEL CONSTRUCTION	8-Blade Reel: 5" (12.7 cm) diameter, 8 high carbon steel blades welded to 5 steel spiders (no 8-blade, 18" available). 11-Blade Reel: 5" (12.7 cm) diameter, 11 high carbon steel blades welded to 5 steel spiders. 14-Blade Reel: 5" (12.7 cm) diameter, 14 high carbon steel blades welded to 5 steel spiders.	
SUSPENSION	Semi-floating cutting unit separable from drive unit, pivoting around reel centerline (pitch axis) and pivoting around bedknife centerline side to side (roll axis).	
WIDTH OF CUT	18" (45.7 cm)	21" (53.3 cm)
HEIGHT OF CUT	Front roller adjustable with 2 position rear roller: 1st position (spacer on top) 1/16" – 5/32" (1.59 – 3.97 mm). 2nd position (spacer below) 1/8" – 19/64" (3.17 – 7.54 mm)	
CLIP FREQUENCIES	Reel drive consists of three pulleys of different diameter. 6-clip adjustments per reel, based on pulley configuration.	
REEL DRIVE	Transmission reel clutch shaft to a drive shaft with a pair of beam style couplers.	
CUTTING UNIT CONSTRUCTION	Machined cast aluminum frame.	
CUTTING UNIT ADJUST./SERVICE	Cutting unit detachable from traction unit. Dual screw "click" adjustments to reel. Front roller height of cut adjustment. Sealed stainless steel reel bearings.	
BEDKNIFE	Bedknife is high carbon through-hardened steel. EdgeMax™ Microcut Bedknife is standard on 11 & 14-blade cutting unit. EdgeMax bedknife is solid tool steel.	
GRASS BASKET	Molded polyethylene with integrated graphics highlighting overlap guidelines, vented for high-efficiency collection.	
ROLLERS	Front Roller: Optional – must be ordered. Rear Roller: Aluminum full roller 2" (5.1 cm) diameter with sealed bearings.	
WORKING WEIGHT	285 lbs. (129 kg) w/basket, w/o transport tires and groomer.	293 lbs. (133 kg) w/basket, w/o transport tires and groomer.
CERTIFICATION /WARRANTY	Designed in accordance to ANSI/CE/IEEE/ROHS/C-TICK. Two-year limited warranty. Years 3-5 prorated warranty on Lithium-Ion Battery. Refer to the Operator's Manual for further details.	

GREENSMaster eFLEX 1800 ACCESSORIES

CUTTING UNITS & REEL OPTIONS	
04254	14-Blade DPA Cutting Unit
04253	11-Blade DPA Cutting Unit
119-4102	14-Blade Reel
119-4101	11-Blade Reel

STANDARD CUTTING UNIT EQUIPMENT	
110-2282-01	Less Aggressive Bedbar
117-1530	EdgeMax™ Microcut Bedknife

BEDKNIFE & BEDBAR OPTIONS	
98-7260	Tournament Bedknife
110-2301	Low Cut Bedknife
110-2300	Extended Microcut Bedknife
98-7261	Microcut Bedknife
117-1532	EdgeMax™ Tournament Bedknife
117-1530	EdgeMax™ Microcut Bedknife
120-9600	High Height of Cut Kit
110-2281-03	Aggressive Bedbar
94-9010	Height of Cut Adjustment Bar

ROLLER OPTIONS	
120-9607	Front Narrow Wiehle Roller
120-9609	Front Wide Wiehle Roller
120-9611	Front Full Steel Roller (2.5" dia.)
115-7361	Front Roller Extension Kit
121-4680	Front Full Extended Width Roller
121-4681	Front Extended Wiehle Roller
125-3537	Extended Rear Roller Kit
120-9602	Rear Roller Adjustment Kit
121-4682	Rear Full Roller – Steel
115-7361	Auxiliary Roller Kit

GROOMER OPTIONS	
04259	Flex Groomer Drive, Fwd Rotating
04260	Flex Groomer Drive, Counter Rotating
04263	Groomer Reel, Carbide (18")
04743	Thin Blade Grooming Reel (18")
04264	Grooming Brush (18")
127-6119	Groomer Quick Up Kit (w/o groomer)
04272	Greens Perfection Brush (18") – Soft
04273	Greens Perfection Brush (18") – Stiff

SCRAPER OPTIONS	
120-9615	Narrow Wiehle Roller Scraper
120-9616	Wide Wiehle Roller Scraper
120-9617	Full Roller Scraper
120-9621	Narrow Wiehle Roller Scraper Brush
120-9622	Wide Wiehle Roller Scraper Brush
120-9623	Full Roller Scraper Brush
120-9624	Narrow Wiehle Roller Scraper Comb
120-9625	Wide Wiehle Roller Scraper Comb
120-9626	Full Roller Scraper Comb
120-9627	Scraper Kit with Rear Roller

TRACTION UNIT ACCESSORIES	
04265	LED Light Kit
04266	Push Broom Brush
04123	Wheel Kit
04399	Turf Evaluator

TOOLS	
04399	Turf Evaluator
125-5610	Paper – Reel
125-5611	Shim – Reel
94-9010	Height of Cut Bar Assembly

GREENSMaster eFLEX 2100 ACCESSORIES

CUTTING UNITS & REEL OPTIONS	
04251	11-Blade DPA Cutting Unit
04252	14-Blade DPA Cutting Unit
119-4105	14-Blade Reel
119-4104	11-Blade Reel
119-4103	8-Blade Reel

STANDARD CUTTING UNIT EQUIPMENT	
115-1880	EdgeMax™ Microcut Bedknife
106-2648-01	Less Aggressive Bed Bar

BEDKNIFE & BEDBAR OPTIONS	
93-4263	Tournament Bedknife
93-4264	Low Cut Bedknife
108-4303	Extended Microcut Bedknife
93-4262	Microcut Bedknife
108-4302	Extended Tournament Bedknife
115-1881	EdgeMax™ Tournament Bedknife
120-9600	High Height of Cut Kit
99-3794-03	Aggressive Bedbar
94-9010	Height of Cut Adjustment Bar

TRACTION UNIT ACCESSORIES	
04265	LED Light Kit
04266	Push Broom Brush
04123	Wheel Kit
04399	Turf Evaluator

TOOLS	
04399	Turf Evaluator
125-5610	Paper – Reel
125-5611	Shim – Reel
94-9010	Height of Cut Bar Assembly

ROLLER OPTIONS	
04255	Front Narrow Wiehle Roller
04256	Front Wide Wiehle Roller
04250	Split Narrow Wiehle Roller
107-3514	Front Wide Wiehle Roller – Steel
04257	Front Full Roller
04249	Split Full Front Roller
04258	Long Front Narrow Wiehle Roller
04267	Paspalum Roller
115-7356	Rear Full Roller – Aluminum
120-9595	Rear Full Roller – Steel
115-7361	Front Roller Extension Kit
120-9602	Rear Roller Adjustment Kit

GROOMER OPTIONS	
04259	Flex Groomer Drive, Fwd Rotating
04260	Flex Groomer Drive, Counter Rotating
04711	Groomer Reel, Carbide (RH)
04712	Groomer Reel, Spring Steel (RH)
04744	Thin Blade Grooming Reel (21")
04713	Grooming Brush
127-6119	Groomer Quick Up Kit (w/o groomer)
04708	Groomer Reel, Carbide (21", LH)
04274	Greens Perfection Brush (21") – Soft
04275	Greens Perfection Brush (21") – Stiff

SCRAPER OPTIONS	
125-3503	Narrow Wiehle Roller Scraper
125-3504	Wide Wiehle Roller Scraper
125-3505	Full Roller Scraper
115-7377	Narrow Wiehle Roller Scraper Brush
115-7378	Wide Wiehle Roller Scraper Brush
115-7379	Full Roller Scraper Brush
115-7380	Narrow Wiehle Roller Scraper Comb
115-7381	Wide Wiehle Roller Scraper Comb
115-7382	Full Roller Scraper Comb
115-7383	Rear Roller Scraper

*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in design, required attachments and safety features. Consult your local Toro Distributor.

The Greensmaster eFlex 1800 & 2100 are manufactured in Tomah, WI ISO 9002 Certified Plant.

